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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/621,848 07/16/2003		07/16/2003	Kenichiro Ueda	SIW-064	1774		
959	7590	01/31/2006		EXAM	EXAMINER		
LAHIVE &		FIELD, LLP.	MARTIN, A	MARTIN, ANGELA J			
BOSTON,)9	ART UNIT	PAPER NUMBER			
				1745			
				D. TT. M. W. FD. 01/21/2004	DATE MAN ED. OLD LOOK		

DATE MAILED: 01/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applica	tion No.	Applicant(s)					
Office Action Summary			848	UEDA ET AL.					
			er	Art Unit					
		Angela .	J. Martin	1745					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply									
WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR CHEVER IS LONGER, FROM THE MAI asions of time may be available under the provisions of SIX (6) MONTHS from the mailing date of this community period for reply is specified above, the maximum statute to reply within the set or extended period for reply will eply received by the Office later than three months after the patent term adjustment. See 37 CFR 1.704(b).	LING DATE OF 7 37 CFR 1.136(a). In no dication. ory period will apply and I, by statute, cause the a	THIS COMMUNICATION THIS COMMUNICATION OF THE PROPERTY OF THE P	in the mailing date of this content (St. 135).	,				
Status									
2a)□	Responsive to communication(s) filed of This action is FINAL . 2b' Since this application is in condition for closed in accordance with the practice)⊠ This action is r allowance excep	ot for formal matters, p		e merits is				
Disposition of Claims									
5)□ 6)□ 7)□ 8)⊠	Claim(s) <u>1-15</u> is/are pending in the app 4a) Of the above claim(s) is/are Claim(s) is/are allowed. Claim(s) is/are rejected. Claim(s) is/are objected to. Claim(s) <u>1-15</u> are subject to restriction	withdrawn from c							
Applicati	on Papers								
 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. 									
Priority u	ınder 35 U.S.C. § 119								
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 									
Attachment	· ·		A) 🗍 Inton face Survey	w/PTO 4423					
2) Notice 3) Information	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO nation Disclosure Statement(s) (PTO-1449 or PT r No(s)/Mail Date		4) Interview Summar Paper No(s)/Mail [5) Notice of Informal 6) Other:	Date)-152)				

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DETAILED ACTION

Election/Restrictions

1. This application contains claims directed to the following patentably distinct species of the claimed invention: Species I (claims 1-5) drawn to a hydrogen purge control apparatus comprising a hydrogen sensor; Species II (claims 6-10) drawn to a hydrogen purge control apparatus comprising a control unit which includes a hydrogen concentration estimating section which estimates hydrogen concentration at the outlet of the purged hydrogen dilution device based on an operating state of the fuel cell stack; Species III (claims 11-15) drawn to a hydrogen purge control apparatus comprising a control unit which includes a hydrogen concentration estimating section which estimates hydrogen concentration at the outlet of the purged hydrogen dilution device in such a manner that the hydrogen concentration at the outlet is assumed to increase depending on the amount of purged hydrogen when a hydrogen purging operation is executed and to decrease with a predetermined time constant when a hydrogen purging operation is not executed.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim

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is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

2. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela J. Martin whose telephone number is 571-272-1288. The examiner can normally be reached on Monday-Friday from 9:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AJM